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VOLUME 4

ISSN

0269-8277

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DATA STATEMENTS

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By Eric Doyle

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aners and Firebird banding for the tor. Neneastle based Zeppelin gam be latest into the fray and launche

irst two games. Read on for detail use and news of the Alternative W iames and the next in the long run



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Byting into the 6510

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By Burghard-Henry Lehmen

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GAMES REVIEW

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LECTRONIC

Constructing a Compiler

The Data Division - declaring variables

The Procedure Division - besie

Numeric Expression and Literals

WHITE COMMODORE WAY 1986



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Character Building

Get your sprites and UDGs ready for action on starting grids

By Norman

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SSS48 shrough SSS43.

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Creating UDGs

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STREET CROSS of cities been



YOUR COMMODORE may 1869

INTO GRAPHICS

Extended Backgrounds So pixel is actually systematical



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Extended colours.

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GETTING INTO GRAPH

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80 Column

Video Pribage con ref

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We take an in-depth hook at the 856 tells which controls the sideo display to oppose use backy to oppose use backy. Controls displayed any second displayed as a second displayed as a second

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For Commission them, this may seen a table long winded very of foing things, but it does have it detarranger, manufar, that very left I/O space is required. Answer lambar with the old Color Great will recognise. The sampless do not stop them? It was seen through the memory using the monkey, looking for the 184 of them.

or an extra control to the control t

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comprises the Telerrap modern and Y23 software. Fire Fish also includes a verar's underription in Microsret. Presid and Televen Gold, so, what are you waiting for!!

Here to Enter

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between them. Once you have eccoped how many differences there are, complete the entry corpor and send it as the ethicarial addition done compost. Write the number of differences that you have from in the back of the envelope. If you don't your entry will

The Rules

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Commodore 64

ick as appropriate) date: 33st May 1988. Mirroset Competition,
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Amiga News

Find our what's been happening in the Amiga world

By Anne Owen

FACC II - Floppy Disk Accelerator

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488 2744 (US.4), Machine: Amira,

By Lewis Tiller

Ami Expo

THLEY Good more Published



Amiga Games

What's new in the Amiga World! Read on!

What's new in the A Niaja Mission

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AiRT



By Mary Branscomb

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By Lewis Tilley

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DATEL ELECTRONICS

















LECTRONIC

Sculpt 3D

An innovative graphics package that takes a lot of hard work out of drawing in perspective

By Mary Branscom

The Amiga's famed pupping considers been been been considered. All matchines in the Amiga range have a seasonal of the amiga range have a sensitivity of the condition to the consideration for the amigation of 51/18, in social many of 51/18, in social many of the consideration of th

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Using Sculpt 3D

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C64 PROGRAMMING

C128 FKeys Swapper

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by John Tohni

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Re Paul Williams

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4 ANIMATOR — a simple demonstration program showing how you are story a segment of painters in

intensity to give the application of minimizing (Pau, 4 and Expanded Clifcolly.) HEBOUND — so exaction version of the latest breakent type games. DISSE MINUS. find and load your programs with same uning this

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73		ac.			
	38,263,70,40,114,218,42,48,5		,163,160,282,124,637,68,28,8 20,248,21,2058	NO.	520 0A2A 214,61,25,174,78,1
20		118			
	83,188,179,0,188,111,50,071, 07,080,017,0113		90,00,70,160,00,000,110,160, 03,107,60,1007	118	138 Date 188,167,195,168,11
**	187, 93, 184, 183, 838, 176, 36, 76		958 Care 33,01,60,31,110,33,70,40,40,31,110,33	107	97,160,0,1737 198 DWYn 236,100,239,150,66
		11			
m	580 BASA 76,836,68,000,891,8 7,100,36,69,007,03,119,152,1	77.	000 D414 30, LOB, CVS, LSP, USF, LOB, LO. OF, OS, ESB, LSB, NO. 77, LTB, L	44	9,11,89,830,0034 160 5018 147,02,130,00,00,1
120	700 DATE 174,107,188,149,18,	44	91, 187, 50, 1009 978 CHTM. D1, 52, 610, 130, 611, 8		7,90,90,70,033,18,1,10,101,
20	189,747,69,1830 710 8050 PME,185,70,717,113.	81	179, 941, 1760 000 0004 165, 180, 018, 78, 80, 1 07, 30, 180, 77, 180, 43, 7, 71, 168		133,91,017,033,000,75,000,1
			97,38,183,77,184,43,7,71,168	03	
20	709 DATE 39,57,713,5,263,73	17	AND THE PROPERTY OF THE PARTY OF THE		PRY 180, 110, 17, 170, 167, 197
	111,007,150,178,54,48,630,68		107, 243, 1837	57	100 Dale 10,100,71,011,01.0
	790 0000 237,120,07,160,60,1	80	1808 CHIN 13, TWY, LEB, SET, 178 ,63, 880, 15, 180, 50, 58, 180, 108	100	
		24	1810 (MEA 174, 195, 67, 68, 100)	100	190 Onfo 160, 21, 111, 170, 71, 29, 47, 6, 170, 40, 40, 40, 40, 50
	748 hors 241,135,30,57,005,1 39,009,141,71,17,0,00,039,30			51	70,01,1801 200 0000 000,100,51,183,40.
	750 OACH 150, 250, 150, 251, 028	56	105,95,117,1000 1000 5038 510,187,65,51,184,		
120			140, 111, P43, 0), 61, 250, 29, 68, 110, 60, 180, 1800		#18 DRTG 209,170,49,77,116,
20	P, 119, (49, 1907				89,179,37,09,110,189,108,18
	700 0454 123,27,50,4,50,40,40,8 0,00,181,61,180,70,170,100,1 09,170,1370		035,101,180,50,03,181,15,18 5,08,350,1740	27	200 OACA 185,13,85,01,12,05 ,083,153,08,63,809,183,17,1
tr			1098 BASA 118, 55, 49, 54, 134, 3 5, 84, 48, 139, 293, 136, 294, 139,		. 100, 10, 1000 230 Date 114, 111, 150, 11, 61,
	3,180,109,180,197,09,180,217			111	99,505,35,69,109,58,668,191
200	788 0000 801,195,95,18,000,8 1,886,885,195,52,181,171,081	90	3858 DWIN TWO, 7, 83, 89, 8, 88, 1 88, 178, 33, 88, 884, 387, 133, 79,		
	1,000,000,755,52,121,177,201	65	95,80,1302 1000 0000 31,100,10,100,100	-	Pub Care 189,239,35,118,58, 16,679,165,189,189,88,885,3
9.3	155,55,35,0027 780 3505 die,117,000,000,07, 137,94,76,005,150,137,30,70				5, 185, 40, 225, 2265
		-0.7	218,29,1502 1078 D039 80,51,165,9,160,00		258 DATE 352,53,155,135,177 13.5,500,77,030,000,000,136,
170	000 5434 830,088,130,0,18,0, 517,248,745,18,56,65,57,105,		799, 111, 170, 66, 189, 16, 189, 1 99, 189, 29, 1780	72.	
	230,11,1902 810 0000 100,191,100,740,701	58			1,104,45,28,111,0,083,80,71
			105,190,003,109,138,30,118,1	78	
	395,015,67,0394 800 8459 91,109,60,000,13,17	CF.			81,78,77,843,189,108,52,156 185,163,169,2139
	3,169,39,71,119,82,90,36,52,		5,0,0,0,0,0,0,0,0,0,0	0.5	208 DATE 333,09,08,853,1P4, 3,184,85,218,47,213,205,169
ro			CORNAL DESIGNER BASS		
	195,125,176,122,79,710,132,3	tr.	10 15-101 (10-50 (58-530)	502	FIR. 113, 179, 33, 99, 218, 331,
85	842 BASA 118,185,139,133,141 .70,179,118,152,216,67,239,1	58	89 FOR L=0 TO SLICE=0.FER S-		C. 191.219, 2103
CF		05	SA-L*10-2, #-MEXT D	**	89,155,187,006,159,07,50,18 ,7,84,178,1839
	852 CHTM 0,240,39,33,102,120	100	TERROR IN LINET-LN-(L*18)-ST	95	7.84,179,1834 318 DRIA 110,846,79,34,35,6

ISTING

	149,189,1879		189,60,109,162,249,236,187,1	I en	SHE PARK THE THE LESS OF STR.
86	329 DATE 293, 128, 230, 26, 165,				
	6,169,001,9,050,745,07,137,7 9,639,007,0001	30			
67					900 DETA USL, LSU, 50, 0, 163 9,117, 50, 205, 63, 160, 233, 2
	330 3404 57,130,2,20,23,395.		711.09, 19, 7300		
	119,199,130,200,9,74,119,119	CB	688 BASA 138, 188, 169, 159, 159		
	398 Date 5,285,215,139,5,95.		7,06,179,10,0070		
					BUR DATA DR. COU. B. LO. LEC.
	360 8434 882,189,189,68,886,				
	635,794,91,60,189,519,50,749		609 8434 118,021,167,26,29,1		
	,33,209,243,2283				002 DAIN \$1,0,170,00,120,
	150,50,100,137,100,77,007,13				
			,619,70,60,570,174,80,176,00		300 DATE DUS. \$10, 137, 70, 1
	208 2004 101.58, 2,68, 130,044 ,37, 4,185,887,188,178,888,81				
	9,177,74,0000		590 SACA LOC. 1, 224, LOY, 68, 28 8, 94, 8, 854, LOB, 250, 46, 68, 66,		
	202 5419 744,532,745,138,68,				
			850 OHTA 27, 182, 177, 24, 818, 1		
					, 240, 164, 254, 3414
					030 Secto P3, 130, 291, 43, 11 0.010, 170, 10, 181, 30, 77, 10
			BTD DREA 171, 179, 188,00, 128,		7,169,00,1591
	30,000,1700		18,24,2,58,141,04,047,40,02	86	098 B438 100, 181, 7, 817, 81
	100 DATE 150,07,001,71,011,7				89, 193, 193, 130, 181, 1, 417, 10
	# , Ft , Ct , Wh. 50, YP, CCR , LY, CD , 1				
	"09 Octo 173,102,135,139,245		163,171,18,1939		180,00,00,180,180,180,180
			ESD DECK 199,75,11,100,63,17		
	00.00.00,140.0003 130 0418 7.01,100.0,101,211.			30	6,185,130,135,0061 000 Date top,127,135,006
			2,17s,16,17st		89,557,09,120,000,205,100
	160, 180, 211, 62, 210, 00, 07, 000				
			780 SAGA 187, 181, 574, 157, 02, 790, 02, 43, 790, 189, 53, 118, 631	66	
	'YE DEFM 183,105,69,100,39,1				\$70 OMFA 0009, \$7,113,181,1 187,109,69,69,71,109,170
	07,181,70,00,003,04,00,000,0		716 ORTO CO. 254, 109, 101, 123,		
				74	137,11,90,0007 880 0000 167,93,69,99,91
	458 DATE 160, 178, 118, 118, 118		180,158,130,00,180,000,021,1 87,70,158,941,0394 200 0000,71,00,180,112,180,1		
	189,711,187,100,07,33,83,77				5, 44, 210, 15, 00, 000, 005, 43
	184,813,187,100,02,33,83,87		700 0000 71,00,180,117,190,1 70,50,028,030,18,030,100,100		
			.mo.11m, to, com		800 Date Cal, \$4,150,005,1
	THE THE RES. LEW. 180, NO. 180, 180, 180, 180, 180, 180, 180, 180,		736 Date 149,00,67,053,109,0		72.0,53.01%, 30,100,000,000 80.07.001,0000 1000 DATE 50,000,101,030
	111,111,0,1001				
	178 BASE SIE, SWE, LY, NO. 187 . E		8,77,021,34,180,10,184,021,2 30,100,00,1000		
		10	790 Onch 167,79,136,189,00.1		99,199,270,117,27,119,07,
			17.150.7,19,10.000,100,630,1		1800 2614 180,1880 1800 2614 150,53,133,65,1
			34,176,00,100,000,100,100,000,1		7,117,27,56,119,117,36,1
	100 DATE 183,97,189,197,183, 18,210,33,162,100,171,00,07,				0,180,197,1807 1800 OWF NO. 74,183,548
	00,51,52,1830 182,000 70,103,12,000,18,17		PSE DRYN 121, PO, 155, PB, 215, 3 8, 39, 381, 838, 888, 180, 167, 68		
00			197,120,000,000,100,100,007,00,		
			760 DREA ST. 83,88,841,887,11		
	THE BASE STR. TO. OR. PLP. LTP. P.				1030 0411 100.50, 173, 101.
			11,70,23,1902		
	79,184,10,109,6339				,239,210,269,5007
	\$10 Deco 170,00,001,010,010,		71, (0,00, 100, 43, 43, 43, 167, 84, 179, 119, 79, 119, 170, 045, 94, 23, 43, 43, 43, 43, 44, 44, 44, 44, 44, 4		1018 Date 113,169,110,40,
					150,09,09,77,110,170,100,
	213,79,101,132,8,843,79,187, 174,188,93,1988				.53,548,160,1851 1050 Bain 57,160,519,500,0
05	520 2024 50.200, 160.04.165.5				
			\$1,59,100,100,0930 THE DAIR 77,109,030,118,181		
	P4.10.53.7037			12	10,189,9,0077
**	\$30 0000 70, 93, 189, 89, 253, 68		173,189,186,169,205,109,70,3		1000 5434 233.93.137.009.
	,190,181,100,178,193,089,81, 185,95,147,9188	2.2	808 DATE 88,80,103,94,37,107		
mi	590 Bala 85,81,839,800,130,1		,177,168,853,165,855,195,112 ,68,77,109,0833		1870 0000 159,67,171,92,6
	8,65,78,30,95,557,38,383,598		NUM BASA BE, 199, 84, 158, 173, 1		15,40,153,1753
			13,29,205,53,259,821,230,218	15	1000 0414 0'00,018,200,12,
	550 OHCH 118,27,11,91,71,13.		,639,171.119,6403		
	57,781,199,69,693,183,6,799.		002 Doin 239, 174, 17, 00, 171, 2		
20	13 (33 (1300		18.210.75.09,221,215.83.23.1		1899 SACH END. EES. 173, 189
	569 8434 9,100,00,189,009,18		07,110,150,0000		
		AS			
	07,92,170,1001				
72	STE DECA 07,18,180,77,888,84		180,197,90,1059		
	,105,137,149,195,179,212,17,	26	5,01,50,501,001,005,001,000		
32	182 DADA 13,89, 4,136,131,86,		15,0,202,2009		## FOW L-B TO BL: CH-B: FOR

	SAIL*1510, A REST 2		5,581,601,813,895,41,100,182,6		
			11,70,000,0000		\$15,614,618,100,120,67,168,1 98,63,00,125,8231
		50			500 Dale 120, 150, 193, 104, 171
10	AND WEST TO DAD				
	50 DATE 200,209,153,71,08,50 .202,30,150,11,50,000,00,000	90	300 DRIA UNE, LINE, 137, 99, 208,		
			121,187,79,79,119,76,91,133,		.010, 170, 110, 60, 10, 111, 111, 231, 1 31, 70, 61, 151, 2205
			232 DACA (III, 153, Pv), 33, 69, 19		600 0010 000,000,170,00,47.1
	,650,665,685				
36	70 2454 230,72,65,60,62,513,		FIR DATE 28, 145, 62, 195, 70, 23		0.120,327,129,2272 032 DWTH 9.007,173,189,00,13
	150,70,00,100,170,00,000,40,		8, 116, 107, 99, 27, 198, 130, 03, 1		
	00 Outn 60,00,195,47,7,118,0		8,153,188,1787 368 DATA 178,169,181,83,39,0	100	70,189,819,1800
	90,70,110,000,18,011,10,175, 83,57,1607		15, 130, 85, 171, 21, 73, 87, 67, 18		EDG DATA 200, 151, 100, 100, 110, 120, 120, 179, 279, 89, 89, 179, 3, 130, 913, 21
	00 0000 16,79,151,79,197,60,173,100,180,173,100,180,100,111,00,112,1				
34	10,030,0,000				
	180 DASH 200, 118, 240, 188, 48, 29, 188, 48, 200, 188, 218, 20, 200, 54, 200, 176	200		145	FOR OWEN DY, COR, LTD, COS, G. LO
	,210,100,02,2101		,285,39,185,187,129,39,6,184 ,187,188,1748		0, 100, 7, 00, 83, 106, 171, 100, 0, 70, 836, 1816
			500 Sole top, yes, taw, an, Low,		650 OACA LEB, \$41,819,179.05.
re	100 GACA 140,0037				
		P4		06	
	188,71,169,00%,012,090,160,1 6,173,039,03,0508		18,170,171,05,002		
			100 Onch 118, 000, 139, 169, 38,		171, 8, 1789 BYE DRIN SER, 188, 18, 11, 176, 1
			111,000,121,100,170,01,15,00		
	29,200,40,41,13,50,000,170,6				,104,043,189,130,039,171,191 ,383,46,030,0303
	20,045,1803 150 Deco 235,053,40,045,107	51	6, 167, 67, 1000 900 OPEN 000, 100, 04, 387, 200		
			FRE, LEY, ES, 197, 114, 143, 285.8		\$100 DETE 30, 170, 4, 870, 120, 10 9,179,00,179,120,53,99,180,0
	159,251,150,200,40,157,60,00				,07,749,1739
107			1,66,110,111,6303 130 BASA 18,30,0,10,019,150,		
	100 (010 (0) 21,133,170,003,0 10,003,180,30,83,040,27,45,5 0,170,60,1811				
60					
	170 CREA 218, 40, 84, 108, 83, 88 8,889, 813, 45, 134, 136, 10, 48, 6	AX	Yob ORTO 121,161,00,111,5,23	ж	718 DATE 3,180,00,102,230,11 0,125,170,032,000,79,700,130
			0,05,150,180,750,50,1F4,83,1 50,81.00,1883		
					788 8050 117,155,107,52,219,
	16,1,65,1766				
63					180,77,130,163,160,130,183,1 68,850,184,04,5738
	100 Date 170,00,70,181,04,13 5,190,130,185,30,030,193,71	45	"HIS DATE 130, 100, 103, 132, 102		
			189,50,7,00,003,007,70,181,		1,119,7900
	DES BASE 100, 130, 230, 50, 000, 100, 100, 100, 100, 100, 100				790 OHEN 160, 740,00,00,00,117,0
60	278 BATE \$5,73,80,000,71,11,	24	"HE DATE 35,103, 37,195,50,76	50	
	89,87,847,839,688,188,687,36 ,89,685,1877		,180,500,50,001,150,550,00,0		11.100,7518
		EA.			700 ORCA 180, 213, 180, 184, 75.
			50,030,119,190,003,500,10,0, 100,00,39,1761 500 Dais 70,93,005,139,039,0		
82					
			9,98,137,67,110,038,85,108,174,78,173,1695		
100	10.003,04,1909 FOR CACA 77,181,117,137,100.			73	700, 195 , 210, 2300 700 DATE 300, 100 FEE, PUS. N.Y.
	7,290,100,201,100,195,102,68		516 DATA 180.9,94,168,750.0,		THE DATE 180, LEG, FLE, PRIS, 57, 80,85, 124, 190, 53, 63, 83, 817, 190,
			,177,109,1909		50,53,18.1004
811	#98 3000 33,187,881,88,188,1 80,80,168,180,80,193,881,159 ,880,198,78,8189				
To.	200,142,72,2188 200 DECA 117,85,107,45,15,15		(68,50,(67)		
	2,97,39,67,391,50,180,150,18		936 DATE 46,35,132,78,73,802 43,69,77,164,137,187,164,24		BBS BASA 133,84,17,179,76,93
			2,196,0,1819		2.199,109,1000
			21,61,190,72,225,00,101,78,1 58,137,56,1891		
	200 ONTH C1, 12, 215, 129, 211, 0	41		42	
	1,53,080,040,53,41,81,34,70, 178,011,0805		2,21,65,59,235,180,109,750,1 19,188,18,1800		C. 009, 130, 000, 173, 179, 51, 500
		AC	14,123,12,1200 888 Dečn 185,241,42,110,9,10		838 Deck 06, 233, 112, 50, 89, 97
	300 DWTM 03,53,027,50,60,055		570 SACA 200, 291, 75, 152, 101,		Fig Date 216,241,250,150,100

	,89,589,139,54,38,187,39,818 (81,80,80,1613	72	18 SL-194 - DI-50 - DE-6778 9-	72	250 DATA 250,65,11),153.27
					195,62,109,132,94,00,79,15
	0,36,380,99,813,891,198,83		BA+L*18+E, #: MEXT D		
-	0,35,200,13,2203 000 Basa 101,011,19,220,73,1	145	"EPROR IN LINE", DIVIL TREAPPORT		8,090,160,99,100,189,139,1 ,183,177,163,8163
15	G78 DWTM 129,179,00,100,65,1	05	58 5454 ST.000, 07, 839, 180, 19 8, 100, 283, 245, 24, 294, 141, 65,		
	89, 68, 287, 39, 638, L60, 189, 60. 130, 67, 567, 1873				300 Dale 43,00,5,021,100,1
			300,193,77,0901 80 DMCA 141,500,98,167,88,18		
	,18,63,380,04,60,38,330,00,4				
	6,203,2956 808 DMT# 14,5,68,689,163,23,	03	189,70,838,8187 28 2000 81,147,184,183,83,10		0,830,74,79,100,803,131,80 16,35,70,1005
				10	
	179,213,131,167,187,833,183,				
		CB.	80 0070 189, 1.21, 162, 73, 162.		
	10.121,23.215,28,181,31,5,25 3.71,49,1789		200, 021, 13, 75, 16, 52, 380, 155, 89, 50, 1866	91	250 CATA 129,0,18,654,11,0165,165,165,165,165,165
				28	166 Per 155, 77, 84, 78, 168, 2
	9,817,00,1837 000 0030 200,93,64,117,000,0	17	168 Ents 235, 12, 121, 131, 150.		186,8%5,185,75,85,87,1,80 3,616,1803
	17 154 73 100 150 77 70 150	100	100 0010 235,12,121,139,150,	107	378 DRIA NE, 54, 188, 87, 173,
	17.198,73,520,130,27,70,130, 238,82,184,2550		92,150,741,0,212,00,60,9,80, 187,247,1874		
	938 (ele 193,552,199,532,187 ,170,189,041,187,500,139,501	CO.	118 Cure 12, 19, 29, 101, 1, 222, 00, 00, 180, 179, 040, 001, 000, 100		
			8,7,199,1861	CB	300 DATE 55, 170, 12, 193, 195 81, 93, 165, 93, 91, 100, 180, 69
	078 0018 103, 107, 00, 216, 130,				
					300 CWIN 213,220,172,165,1
	011,180,111,041,043,194,036, 104,109,40,187,0666 950 CMIR 175,75,104,054,064,				
15	150,00,00,00,00,111,110,100	CF	130 Osfe 40, 120, 33, 235, 21, 10 8,60, 238, 33, 9, 130, 200, 7, 14, 1 83, 9, 100?	100	900,000,100,33,0337 900 Dain 195,160,0,191,03,
			118 (A18 023,01,48,03,023,05 8,381,50,183,81,70,07,007,16		100,177,004,010,73,00,047 80,37,00,0004
	00,148,183,000,74,837,180,30 ,053,172,001,0333			30	*18 0000 0,100,010,100,12, 7,9,000,217,000,114,790,11
	378 CHTS OF 150 DE 150 TO 150 TO 1	CR.	1,150,150,0040		1,5,030,017,090,111,190,11 587,188,580,0090
			100 COTA 40, YES, 140, 171, 00, 0		
			0,100,16,61,00,10,165,212,13 3,29,137,1603 160 6030 8,500,160,771,70,17 3,050,12,60,116,30,030,018,1		7, 100,00, 100, 27,00,000,000 84,000,000,0000
		24			
	000 (ATE 80 130 130 177 54 6 4 100 27 133 100 78 145 80 1 47 07 274 1082			29	930 COOPS 3), CO. 187, LOS. 187 9,177,180 (100,183,040,100) 118,09,180,1000
			178 DATE NO. 00, 007, 08, 30, 811 .210.159,172,185,100,523,149		
		80	150,009,123,0173 180 5000 80,018,000,30,08,68		8,89,177,000,52,177,119,00
	7,149,139,177,56,48,04,180,04			00	59,185,193,0950 TOR CHEN 113,81,197,60,3,7
	1808 5019 28,84,189,180,009,		198 5039 503, 140, 7, 841, 83, 17, 133, 177, 843, 68, 100, 67, 17, 83		Pt.16,1516
	30,50,100,030,039,09,150,78,			10	7,816,159,130,26,17,47,16
			199,130,1077 200 Date 57,000,00,180,71,00 180,53,00,60,030,160,00,00		
	FFE, 155, 180, 120, 170, 21, 60, 57				
	105,00,10,1098 3838 DATE 17,381,138,580,181	60			978 DRTH 30, 180,00, 189,040 0,50,039,040,119,213,24,15 05,137,130,0057
			218 CMTM 1809,000,1800,811,18,00 8,177,00,175,753,162,991,105,1	24	
					189 8454 150,57,184,135,13 10,188,880,188,753,184,65
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